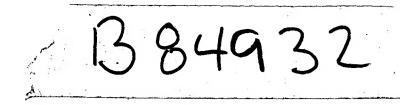
| May-29-12 1:05 | :55 PM | | | Ω4: | 91() | | | | | | r age r |
|---|--------------------------|------------------------------------|------------------------|---------------------------------|----------------------|-------------|--------------|---------------|----------------|------------------|----------------|
| Revision ID: | D209-669-01 | 4 | | Accept | *N90 | 0040 | 100 |)* | Setup Sta | I | S1* S2* |
| Start Date: Required Date: Reference: | 29/05/2012 16/07/2012 | Start Qty: 1.00 Req'd Qty: 1.00 | *1* *1* | | Cust Iten Custome | | | | | N | . |
| Approvals: | Process Plan | n: MLJ | Date: 12 05 | 3○ Tooling: SPC (Y/N): | | Date: | | | Run Sta Sto | 1/1 | R1* R2* |
| Sequence ID/ Work Center ID | | Operation Description | | Set Up/ Run Hours | Tool ID | Tool # | Plan Code | Accept Qty | Reject Qty | Reject Number | Insp. Stamp |
| Draw Nbr | Revis | sion Nbr | | 2 | | | | | | | |
| D209-669-014 DSI 9450 | Rev I | | 0 | | | 1 | , | | | | |
| *100 *100* DC | | DOCUMENT CONTROL Memo | 51 | 0.00 | 004 | | | | <u> </u> | | |
| Document Control | 4.0 | Photocopy blu | nefile & type labels p | er PPP D209-669-014 9 HG | per ECNI | 1.54) | | | | | |
| 110 | | Pick Kit | | 0.00 | | | | | | | // / |
| *110* Packaging Packaging | | Memo | | 0.00 | | | | | | 12/ | 3/1204 |



| W/O: | | * | WORK ORDER CHANGES | | | | | | | | |
|---------|-------------|-------------------|--------------------|---|-----------------|-----------|--------|-------------------------------|--------------------------|--|--|
| DATE | STEP | PR | OCEDURE CHAI | NGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Part No | : | PAR #: | Fault Cate | gory: | _ NCR: Yes | _ Date: _ | | | | | |
| | Resolution: | | Disposition | າ: ' | QA: N/C Clo | sed: | | Date: | | | |
| NCR: | | | WORK ORDI | ER NON-CONFORM | ANCE (NCR |) | | | | | |
| DATE | STEP | Description of NC | Initial | Corrective Action Sect Action Description | ion B Sign & | | cation | Approval | Approval | | |
| | | Section A | Chief Eng | Chief Eng | Date | Sect | ion C | Chief Eng | QC inspector | | |
| | | | | , idje | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | r | | |
| | | | | | | | | | | | |

| Work Orde <i>May-29-12 1:05</i> | | 910 | | *849 | 910* | | - | | | | | Page 2 |
|--|--|---|-------------------------------|----------------------------------|--------------------|--------|--------------------------------------|---------------|--------------|---------------|------------------|----------------|
| Revision ID: Item Name: Start Date: | D209-669-01 Skidtube RH 29/05/2012 | Start Qty: 1.00 | *1* | Accept | *N900 Cust Item | ID: | 100 |)* | Setup S | Start Stop | ı V. | S1* S2* |
| Required Date: Reference: | 10/0//2012 | Req'd Qty: 1.00 | *1* | | Customer | : | | | | | | |
| Approvals: | | n: | | 000000 | | Date: | ———————————————————————————————————— | | | Start Stop | | R1* |
| Sequence ID/ Work Center ID 120 *120 *COMPARE TO THE T |) | Operation Description QC4- 100% Inspect kit | is for completeness | Set Up/ Run Hours 0.00 AS 16 9-8 | Tool ID | Tool # | Plan Code | Accept Qty | Rejec Qty | | Reject Number | Insp. Stamp |
| 130 *130* | | Packaging | | 0.00 | | | | | | | | |
| Packaging Packaging | | Memo Identify an Location: | nd pack for shipping as per P | 0.00 PPD209-669-014 | | | | | | [(| 12/1 | 1/2: |

140

QC21- Final Inspection - Work Order Release 0.00

140

Memo Quality Control

0.00

MLJ 12/07/23

U 12.07.23

| W/O: | | | W | ORK ORDER CHANGES | 3 | | | | |
|-------------|------|-------------------|-------------|--|----------|--------|-------|-------------------------------|---------------------------------------|
| DATE | STEP | PRO | OCEDURE CHA | NGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | , | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | • | PAR #: | Fault Cate | agory: | NCR: Vas | No. DO | Δ. | Date: | |
| i ait ito | | | | | | | | | |
| Resolution: | | | | ER NON-CONFORMAN | | | | Date | |
| NCR: | , | | | | | ·) | | | · · · · · · · · · · · · · · · · · · · |
| DATE | STEP | Description of NC | Initial | Corrective Action Section Action Description | Sign 8 | | ation | Approval | Approval |
| | - | Section A | Chief Eng | Chief Eng | Date | Secti | on C | Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | ļ | | | | | | | | |
| | | | | | | | | | |
| į | | | | | | | | | |
| | | | | | | | | | 1 |
| | | | | | | | | | |

| D, | , | 1 1 | | n | | | |
|----|----|-----|------|-----|--|------|---|
| PI | • | Z | list | י י | יייייייייייייייייייייייייייייייייייייי | n 1 | ۲ |
| | ι. | N | 1131 | | 11 | 11 L | L |

May-29-12 1:07:01 PM

Work Order ID: 84910

D209-669-014

Parent Item Name: Skidtube RH

84910

D209-669-014

52133

Start Date: 29/05/2012

Required Date: 16/07/2012

Start Qty: 1.00

Required Qty: 1.00

Comments:

Parent Item:

New IPP 08.02.13 new issue EC, verified by:DD

IPP Rev:B 08-05-20 chg QTY of D2570 DD verified by:

| | 00 05 2 | zo eng Qii oi b | 2370 | DD vermed b | y. | | | | | | | | |
|-----------------------------------|------------------------|-----------------|-------------|---------------------|------------------|-----------------|--------------------|----------------|-------------|--------------|---------------|----------------|---------|
| Component Item ID/ Item Name | Replacement Item ID | Mfg/ Purch | Bin Item | Primary Location | Last Location | Route Seq ID | Unit of Measure | Qty on Hand | Qty per Kit | Total Qty | Qty Issued | Date Issued | Status |
| D209-669-043 | | Manufactured | No | /// | | 110 | Each | 2.0000 | 1 | 1 | | | |
| *D209-669 Replacement Skidtube | 9-043* | | | | | | | | ** | 8 | 193: | 2 | 1 |
| | | | | Location | | Loc | <u>Oty</u> | Loc Code | | • | | | |
| | | | | Mezz | | | 2 | | | | | | |
| | | | | | 39205 | | 1 | | | | _ | | |
| | | | | | 39206 | | 1 | | | | _ | | Λ |
| D2917-2 | | Manufactured | No | | | 110 | Each | 1.0000 | 2 | 2 | | | · // |
| *D2917-2* | • | | | | | | | | ** | | B | 849 | 39 \$ 6 |
| | | | | Location | | Loc | Qty | Loc Code | | | | | |
| | | | | ST424 | | | 1 | | | | | | |
| | | | | | 52129 | | 1 | | | - | - | | |
| D2918-2 | | Manufactured | No | | | 110 | Each | 1.0000 | 2 | 2 | - | | , , |
| *D2040 2* | • | F | | | | | | | ** | 2 | | | /// |
| *D2918-2* Saddle RH | • | | | | 140 | | | | ~~ | | 8494 | 1012 | 17/12/ |
| | | | | Location | | Loc | Oty | Loc Code | | | | | |
| | | | | ST424 | | | 1 | | | | | | |
| | | | | | | | | | | | - | | |

| W/O: | | | WC | RK ORDER CHANG | ES | | | - | - |
|---------|------|-------------------|----------------------|------------------------------|----------------|--------------|--------|-------------------------------|--------------------------|
| DATE | STEP | PRO | OCEDURE CHA | | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | • | PAR #: | Fault Cate | gory: | _ NCR: Yes | No DQ | A: | Date: _ | |
| | Re | solution: | Disposition | n: <u>'</u> | _ QA: N/C CI | osed: | | Date: _ | |
| NCR: | | | WORK ORDI | ER NON-CONFORM | ANCE (NCF | 1) | | | |
| DATE | STEP | Description of NC | | | tion B | Verific | cation | Approval | Approval |
| DAIL | SIEF | Section A | Initial Chief Eng | Action Description Chief Eng | Sign 8 Date | Sect | ion C | Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | · | | | | | | | |
| | | | | | 4 | | | | · |
| | | | | | | | | | |
| | | | | | | | | | |

 Loc Oty
 Loc Code

 ST300
 4095

 119075
 125

 121011
 713

 721444
 2957

300

| W/O: | | | W | ORK ORDER CHANG | ES | | | | |
|---------|------|-------------------|----------------------|------------------------------|-------------|---------|--------|-------------------------------|--------------------------|
| DATE | STEP | PRO | DCEDURE CH | ANGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | • | PAR #: | Fault Cat | egory: | _ NCR: Yes | s No DQ | A: | Date: _ | |
| | Re | esolution: | Dispositi | on: <u>'</u> | QA: N/C | Closed: | | Date: _ | |
| NCR: | | | WORK ORE | DER NON-CONFORM | ANCE (NC | R) | | ., | |
| DATE | STEP | Description of NC | | | tion B | Verifi | cation | Approval | Approval |
| | 0.2. | Section A | Initial Chief Eng | Action Description Chief Eng | Sign Dat | | tion C | Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | r |
| | | | | | | | | | |
| | | | 1 | | | 1 | | | |

| | Picklist Print May-29-12 1:07:01 PM | | | | | - | | | | Page 3 |
|--------------|-------------------------------------|------------|----|------------------|------------|-----------|-----------|----------------------------|----------|--|
| | Work Order ID: 84910 | | *2 | 4910* | 3.81 | 0 89 9 | | | | |
| | Parent Item: D209-669-014 | | | 209-669-0 | 1/* | | | | | |
| | Parent Item Name: Skidtube RH | | | 7(19-009-() | 14 | | | eate: 29/05/2 Qty: 1.00 | • | uired Date: 16/07/2012 quired Qty: 1.00 |
| | AN5-36A | Purchased | No | | 110 | Each | 184.0000 | 4 4 | 4 | |
| 5 | *AN5-36A* | | | | | | ** | | 54 | 9 |
| | | | | Location | <u>Lo</u> | oc Qty | Loc Code | | | |
| | | | | 340 | | 134 | | | | |
| | | | | 121181 | | 34 | | | | |
| | | | | 121652 ST340 | | 100 | | | | |
| | | | | 121708 | | 50 50 | | | <u>/</u> | |
| / | AN960JD516 NAS1149D0563J | Purchased | No | | 110 | Each | 0.0000 | 8 8 | | \wedge |
| 5 | *AN960.ID516* | | | | | | ** | ` | , | M119546 |
| , | MS21042L5 | Purchased | No | | 110 | Each | 1,447.000 | 4 4 | 1 ^ | 14114240 D |
| _ | *MS21042L5* | | | | | | ** | | | |
| | | | | Location | Lo | c Qty | Loc Code | | | |
| | | | | 300 | | 500 | | | | |
| | | | | 121652 | | 500 | | | | |
| | | | | ST300 | | 947 | | | | |
| | 44 | | | 108827 116105 | | 8 5 | | | - N- | 4 |
| | | | | 116548 | | 43 | | | | |
| | | | | 117611 | | 18 | | - | | |
| | | | | 119109 17651 | | 865 | | 4 | | |
| / | AN4-7A | Purchased | No | 17031 | 110 | 8 Each | 124.0000 | 16 1 | 6 | , |
| 7 | *AN4-7A* | 2 41 41 41 | | | | | ** | _ | 1122141 | 12/2/1280 |
| | | | | Location | <u>Lo</u> | c Oty | Loc Code | | | |
| | | | | ST356 | | 124 | | | | \sim |
| | | | | 117514 | | 24 | | | | |
| | | | | 120770 | | 100 | | | | |
| | May-29-12 1:07:01 PM | | | Shop Pa | cket Print | | | | | Page 3 |

| W/O: | | | W | ORK ORDER CHANG | GES | | | | |
|---------|------|-------------------|----------------------|------------------------------|-----------|--------|--|-------------------------------|--------------------------|
| DATE | STEP | PRO | CEDURE CHA | INGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | : | PAR #: | Fault Cate | gory: | NCR: Yes | No DQ | A: | Date: | <u> </u> |
| | Res | solution: | Dispositio | on: <u>'</u> | QA: N/C C | losed: | | Date: _ | 12 |
| NCR: | | V | VORK ORD | ER NON-CONFORM | ANCE (NCI | ₹) | | | |
| DATE | STEP | Description of NC | | | ction B | Verifi | cation | Approval | Approval |
| DAIL | JILF | Section A | Initial Chief Eng | Action Description Chief Eng | Sign Date | | ion C | Chief Eng | QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | · - · · · · · · · · · · · · · · · · · · · | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | licklist Print 1/ay-29-12 1:07:01 PM | | | | | | | - | - | Page 4 |
|-----------------|---|--------------|----|---|------------------|----------------------------------|----------------------|----------------------------------|----------------------|--|
| P | ork Order ID: 84910 arent Item: D209-669-014 arent Item Name: Skidtube RH | | | 4910* 209-669-0 | 114* | | | eart Date: 2 start Qty: 1 | | Required Date: 16/07/2012 Required Qty: 1.00 |
| / * | N960JD416 NAS1149D0463J TAN960.ID416* | Purchased | No | | t10 | Each | 30.0000 | 32 ** | 32 | M12/9/254 |
| | | | | <u>Location</u> ST351 116289 119097 | <u>Lo</u> | 30 10 20 | Loc Code | | | - - |
| * | 2929 D2929* Jacer | Manufactured | No | | 110 | Each | 86.0000 | 2 ** | 2 SP | |
| / > * | 2930 D2930* acer | Manufactured | No | Location ST021 53564 | <u>Lo</u> 110 | c Qty 86 86 Each | Loc Code 102.0000 | 2 ** | <u>2</u> <i>s</i> | |
| / D3 | D3405-041* | Manufactured | No | Location ST021 | <u>Lo</u> 110 | c Oty 102 102 Each | Loc Code 6.0000 | i ** | 2 | B85098 C |
| Lu | g Assembly | | | Location ST478 62227 77000 82031 82032 | <u>Lo</u> | 6 2 2 1 1 | Loc Code | | | - - - |

| W/O: | | WORK ORDER CHANGES | | | | | | | | | | | |
|---------|------|--------------------|--------------|--|----------------|--------------|--------|-------------------------------|--------------------------|--|--|--|--|
| DATE | STEP | PRO | OCEDURE CHAI | NGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| Part No | | PAR #: | Fault Cate | gory: | NCR: Yes | No DQ | A: | Date: _ | | | | | |
| | R | esolution: | Dispositio | n: <u>'</u> | _ ,QA: N/C Clo | osed: | | Date: _ | <u> </u> | | | | |
| NCR: | | | WORK ORDI | ER NON-CONFORMA | NCE (NCR |) | | | | | | | |
| DATE | STEP | Description of NC | Initial | Corrective Action Section Action Description | on B Sign & | | cation | Approval | Approval | | | | |
| | ļ | Section A | Chief Eng | Chief Eng | Date | Sect | ion C | Chief Eng | QC Inspector | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | , | | | | |
| } | | | | | ŀ | | | | | | | | |

Picklist Print Page 5 May-29-12 1:07:01 PM Work Order ID: 84910 *84910* Parent Item: D209-669-014 *D209-669-014* Parent Item Name: Skidtube RH Start Date: 29/05/2012 Required Date: 16/07/2012 Start Qty: 1.00 Required Qty: 1.00 Purchased No 110 Each 48.0000 *AN4C47A* ** Location Loc Qty Loc Code ST361 118451 6 119798 2 121009 22 121585 18 MS21043-4 Purchased No 110 Each 1,346.000 *MS21043-4* ** Location Loc Qty Loc Code FG 40 104603 40 ST301 1306 119546 147

D3405-043 Lug Assembly

Manufactured

Location Loc Qty Loc Code ST478 2

110

659

500

Each

2

121162

121652

82038

**

2.0000

| | • | | | | | | | | |
|---------|------|-------------------|----------------------|------------------------------|-------------|--------|--------|-------------------------------|--------------------------|
| W/O: | | | W | ORK ORDER CHANG | iES | | | | |
| DATE | STEP | PRO | OCEDURE CHA | NGE . | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | · |
| | | | | | | | | | |
| ··· | | | | | | | | | |
| | | | | | | | | | |
| | | | • | | | | | | |
| Part No | • | PAR #: | Fault Cate | egory: | _ NCR: Yes | No DQ | A: | Date: _ | · |
| | Re | esolution: | Disposition | on: ' | _ QA: N/C C | losed: | | Date: _ | |
| NCR: | | | WORK ORD | ER NON-CONFORM | ANCE (NCI | 7) | | | |
| DATE | STEP | Description of NC | | | tion B | Verifi | cation | Approval | Approval |
| DATE | SIEF | Section A | Initial Chief Eng | Action Description Chief Eng | Sign Date | & Sect | ion C | Chief Eng | QC Inspector |
| * | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | Ì |
| | | | | | | | | | |

| Picklist Print May-29-12 1:07:01 PM | | | | | | - | | | Page 6 |
|-------------------------------------|--------------|----|-------------------------|-----------|-------|----------------|-------------------------|--------------------|--|
| Work Order ID: 84910 | | *8 | 4910* | | | _ | | | |
| Parent Item: D209-669-014 | | | 209-669-0 | 11/1* | | | | | i |
| Parent Item Name: Skidtube RH | | 1 | <i>77</i> (199-(1(199-(| 114 | | | art Date: Start Qty: | 29/05/2012 1.00 | Required Date: 16/07/2012 Required Qty: 1.00 |
| D3407-041 | Manufactured | No | | 110 | Each | 27.0000 | 1 | 1 | · |
| *D3407-041* | - | | | | | | ** | _86 | ,672 |
| | | | Location | <u>Lo</u> | c Qty | Loc Code | | | |
| | | | ST463 | | 27 | | | | |
| | | | 82067 | | 6 | | | *** | |
| | | | 82068 | | 19 | | | | |
| D2456 1 | | N. | 82108 | | 2 | | | *** | ^ |
| D3456-1 | Manufactured | No | | 110 | Each | 156.0000 | 1 | 1 | () / |
| *D3456-1* Washer | | | | | | | ** | | |
| | | | Location | <u>Lo</u> | e Oty | Loc Code | | | |
| | | | FG | | 7 | | | | |
| | | | 25701 | | 7 | | | | |
| | | | ST044 | | 149 | | | **** | |
| | | | 80252 | | 1 | | | _ | |
| /. | | | 81876 | | 48 | | | | |
| D3417-5 | M C 1 | No | 83584 | 110 | 100 | #0 0000 | - | | . ^ |
| | Manufactured | No | | 110 | Each | 78.0000 | 2 | 2 | |
| *D3417-5* | | | | | | | ** | | 1214120 |

Loc Code

May-29-12 1:07:01 PM

Loc Qty

28

50

Location

78842 83318

ST042

| oopaoc | | | | | | | | | | | | | |
|--------|--------------------------------|---|--|--|---|--|-------------------------------------|---|--|--|--|--|--|
| | | WO | RK ORDER CHANGI | ES | | | | | | | | | |
| STEP | PRO | OCEDURE CHAN | IGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| : | PAR #: | Fault Categ | jory: | NCR: Yes | No DQ | A: | Date: | | | | | | |
| | | | | | | | | | | | | | |
| | | WORK ORDER NON-CONFORMANCE (NCR) | | | | | | | | | | | |
| STEP | Description of NC Section A | Corrective Action Initial Action Descript | | Sign | & Sect | | Approval Chief Eng | Approval QC inspector | | | | | |
| | | Chief Eng | Chief Eng | Date | | | Onio Liig | Go moposto. | | | | | |
| | \ | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | · | | | | | | | | | | | | |
| | | | | | | | | · | | | | | |
| | | | | | | | | | | | | | |
| | :Re | :PAR #:PAR #: | STEP PROCEDURE CHAN PROCEDURE CHAN PAR #: Fault Category Resolution: Disposition WORK ORDE STEP Description of NC Section A | STEP PROCEDURE CHANGE PAR #: Fault Category: Resolution: Disposition: WORK ORDER NON-CONFORMA STEP Description of NC Section A | PAR #: Fault Category: NCR: Yes Resolution: Disposition: QA: N/C C WORK ORDER NON-CONFORMANCE (NC WORK ORDER NON-CONFORMANCE (NC STEP Description of NC Section A Initial Chief Eng Chief Eng Chief Eng Date | STEP PROCEDURE CHANGE By Date Date PAR #: Fault Category: NCR: Yes No DQ Resolution: Disposition: QA: N/C Closed: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC Section A Corrective Action Section B Sign & Chief Eng Ch | STEP PROCEDURE CHANGE By Date Qty | STEP PROCEDURE CHANGE By Date Qty Chief Eng / Prod Mgr PAR #: Fault Category: NCR: Yes No DQA: Date: Resolution: Disposition: QA: N/C Closed: Date: WORK ORDER NON-CONFORMANCE (NCR) STEP Description of NC Section A | | | | | |

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B

INSTRUCTIONS:

- 1) FOR D209-669-011/-012/-013/-014 SKID TUBES @ CHANGE 003 AND SUBSEQUENT, MODIFY THE FOLLOWING:
 - a) REPLACE THE D2968-041 TOW RING WITH THE D3407-041 TOW RING ASSEMBLY.
 - b) REPLACE THE D2736-1 AND D2736-3 GHW LUGS WITH THE D3405-041 AND D3405-043 LUG ASSEMBLIES.
 - c) AMEND THE PARTS LIST IN SECTION 5.0 OF INSTALLATION INSTRUCTIONS IIN-D209-669 REV. B AS SHOWN ON PAGE 2 OF THIS DSI.

NOTE: ALL INSTALLATION FASTENERS FOR THE ABOVE CHANGES HAVE BEEN UPDATED. SEE THE AMENDED PARTS LIST ON PAGE 2 FOR DETAILS.

SHOP COPY

RETURN TO

ENGINEERING
UNCONTROLLED COPY

SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 84910 MCJ

12 05 50

| Α | NEW IS | SSUE | | | AJS | 09.02.24 |
|---------|--------|------|------------------|--|----------------|--------------------------|
| REV. | | | | DESCRIPTION | BY | DATE |
| DESIGN | | Α | _I JS | DART AEROSP | ACE | LTD |
| DRAWN | | Ą | JS | HAWKESBURY, ONTAR | | |
| CHECKE | D | | 7 | DRAWING NO. | | REV. A |
| MFG. AF | PR. | N/ | / / 2 | DSI 9450 | | SHEET 1 OF 3 |
| APPROV | /ED | M | Y^- | TITLE | | SCALE |
| DE APP | ₹. | -# | 1 | SKIDTUBE INSTALLATIONS | 3 | NTS |
| DATE | 09.0 | 2.24 | | COPYRIGHT © 2009 BY DART A THIS DOCUMENT IS PRIVATE AND CONFIDENTIA, AND IS SUPPLIED NOT TO BE USED FOR ANY PURPOSE OR CONLD ON COMMAN WHATEN HERMISSION ROOM DAYLAR | O CN THE EXPRI | ESS CONDITION THAT IT IS |

| | | | | | | | | | |
|---------|------|-------------------|----------------------|------------------------------|--------------|--------------|--------|-------------------------------------|--------------------------|
| W/O: | | | WC | RK ORDER CHANGE | ES | | | | |
| DATE | STEP | PRO | CEDURE CHAI | NGE | Ву | Date | Qty | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| Part No | : | PAR #: | Fault Cates | gory: | NCR: Yes | No DQ | A: | Date: | |
| | | esolution: | | | | | | | |
| NCR: | | \ | NORK ORDI | ER NON-CONFORMA | NCE (NC | R) | | | |
| DATE | OTED | Description of NC | | Corrective Action Section | | Verific | cation | Approvai | Approval |
| DATE | STEP | Section A | Initial Chief Eng | Action Description Chief Eng | Sign Date | & Sect | ion C | Chief Eng | QC Inspector |
| - | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | i i | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

NOTE: Date & initial all entries

H:\fFÓRMS\Quality Assurance\approved QA\NCRWO RevE

| ITEM | QTY -011 | -012 | QTY -013 | -014 | QTY -041 | -043 | PART NUMBER | DESCRIPTION |
|------|-------------|------|-------------|------|-------------|------|--------------|--|
| | х | | | | | | D209-669-011 | SKIDTUBE INSTALLATION, LH (AH-1W/J) |
| | | х | | | | | D209-669-012 | SKIDTUBE INSTALLATION, RH (AH-1W/J) |
| | | | х | | | *** | D209-669-013 | SKIDTUBE INSTALLATION, LH (AH-1P/F/S) |
| | | | | х | | | D209-669-014 | SKIDTUBE INSTALLATION, RH (AH-1P/F/S) |
| | 1 | 1 | | | Х | | D209-669-041 | REPLACEMENT SKIDTUBE (AH-1W/J) |
| | | | 1 | 1 | | Х | D209-669-043 | REPLACEMENT SKIDTUBE (AH-1P/F/S) |

IS:

| | | · | T | · | | |
|----|----|----|---|---|-----------|-------------------|
| 50 | 4 | 4 | 1 | 1 | D3405-041 | LUG ASSEMBLY |
| 51 | 8 | 8 | 4 | 4 | AN4C47A | BOLT |
| 52 | 16 | 16 | 8 | 8 | D2570 | BUSHING |
| 53 | 8 | 8 | 4 | 4 | MS21043-4 | NUT |
| 54 | | | 1 | 1 | D3405-043 | LUG ASSEMBLY |
| | | | | | | |
| 60 | 1 | 1 | 1 | 1 | D3407-041 | TOW RING ASSEMBLY |
| 61 | 1 | 1 | 1 | 1 | D3456-1 | WASHER |
| 62 | 1 | 1 | 1 | 1 | MS21043-4 | NUT |
| 63 | 2 | 2 | 2 | 2 | D3417-5 | WASHER |
| | | | | | 1 1 | |

WAS:

| | T | T | | | | | |
|----|----------|----|---|-------------|-------------|-------------|--------------------|
| 50 | 4 | 4 | 1 | 1 | | D2736-1 | GHW LUG |
| 51 | 8 | 8 | 4 | 4 | | AN4-46A | BOLT |
| 52 | 16 | 16 | 8 | 8 | | D2570 | BUSHING |
| 53 | 8 | 8 | 4 | 4 | | MS21042L4 | NUT (OR MS21042-4) |
| 54 | | | 1 | 1 | | D2736-3 | GHW LUG |
| | | | | | | | |
| 60 | 1 | 1 | 1 | 1 | | D2968-041 | TOW RING |
| 61 | 1 | 1 | 1 | 1 | | AN970-4 | WASHER |
| 62 | 1 | 1 | 1 | 1 | | MS21042L4 | NUT (OR MS21042-4) |
| | <u> </u> | | | | | 1 | |

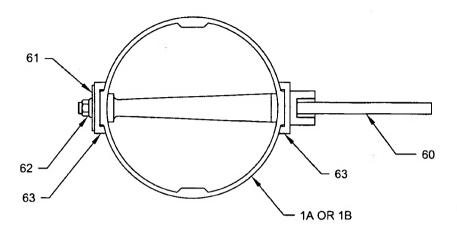
| DESIGN | AJS | DART AEROSPAC | E LTD |
|------------|------|--|---|
| DRAWN | AS | HAWKESBURY, ONTARIO, C | |
| CHECKED | 1 | DRAWING NO. | REV. A |
| MFG. APPR. | N/A) | DSI 9450 | SHEET 2 OF 3 |
| APPROVED | JAN | TITLE | SCALE |
| DE APPR. | -# | SKIDTUBE INSTALLATIONS | NTS |
| DATE 09.0 | 2.24 | COPYRIGHT @ 2009 BY DART AEROS! 111-S DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE NOT TO BE USED FOR ANY PUMPTISE OR COPIED OR COPYLAN CATED. (I) | EXPRESS CONDITION THAT IT IS ANY DITHER PERSON WITHOUT |

64610

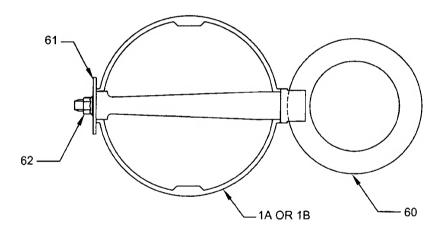
| Dart | Aeros | pace | Ltd |
|------|--------------|------|-----|
| | | | |

| W/O: | | | WC | ORK ORDER CHANG | GES | | | | * | |
|---------|------|--------------------------------|------------------|---|--------|---------|------------------|------------|-------------------------------|--------------------------|
| DATE | STEP | PRO | PROCEDURE CHANGE | | | | | | Approval Chief Eng / Prod Mgr | Approval QC Inspector |
| | | | | | | | | | | |
| 9 | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| Part No | : | PAR #: | Fault Cate | gory: | _ NCR | : Yes I | No DQ | A : | _ Date: _ | |
| | R | esolution: | | | | | | | Date: _ | |
| NCR: | | V | VORK ORD | ER NON-CONFORM | ANCE | (NCR | | | | |
| DATE | STEP | Description of NC Section A | Initial | Corrective Action Sec Action Description | tion B | Sign & | Verific Secti | | Approval Chief Eng | Approval QC Inspector |
| | | Section A | Chief Eng | Chief Eng | | Date | Secu | on C | Chief Eng | QC inspector |
| 1 | 1 | | 1 1 | | | | | | | |
| _ | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | · | | | | | | | | |
| | | · | | | | | | | | |
| | | | | | | | | | | |

<u>IS:</u>



WAS:



NO PICTORIAL CHANGE REQUIRED FOR GROUND HANDLING WHEEL LUG CHANGES.

| DESIGN AJS | | DART AEROSPACE LTD | | | | |
|------------|-------|--|--|--|--|--|
| DRAWN | AJS | HAWKESBURY, ONTARIO, C | | | | |
| CHECKED | 1 | DRAWING NO. | REV. A | | | |
| MFG. APPR. | N/A | DSI 9450 | SHEET3 OF 3 | | | |
| APPROVED | Mil | TITLE | SCALE | | | |
| DE APPR. | -# | SKIDTUBE INSTALLATIONS | NTS | | | |
| DATE 09.0 |)2.24 | COPYRIGHT © 2009 BY DART AEROS THIS ODCUMENT IS PRIVATE AND CONHIDENTIAL AND IS SUPPLIED ON THE NOT TO BE USED FOR ANY RIPPOSE OH COPIED ON COMMUNICATED TO ANYTHE LEARNING MEMORIANT AEROSPACE. | EXPRESS CONDITION 'HAT IT IS ANY OTHER PERSON A.THOUT | | | |

| Dart | Aeros | pace | Ltd |
|------|-------|------|-----|
|------|-------|------|-----|

| W/O: | | | W | ORK ORDER CHANG | ES | | | -4 | |
|-----------------|------|-------------------|-----------------------------|------------------------------|----------|-------------------------------|--------------------------|-------------|--------------|
| DATE | STEP | PRO | | Ву | Date Q | Approval Chief Eng / Prod Mgr | Approval QC Inspector | | |
| | | | | | | | | | |
| | | | | | | | | | |
| • | | | | | <u> </u> | | | | |
| | | * | | | | | * | | |
| | ļ | | | | | | | i i | |
| Part No: PAR #: | | | Fault Cate | egory: | NCR: | : Yes N | lo DQA:_ | Date: _ | |
| | | Disposition: Q | | | | | | | |
| NCR: | | | VORK ORD | ER NON-CONFORM | ANCE | (NCR) | | | |
| DATE STEF | CTED | Description of NC | Corrective Action Section B | | tion B | | Verificati | on Approval | Approval |
| | SIEP | Section A | Initial Chief Eng | Action Description Chief Eng | | Sign & Date | Section C | | QC Inspector |
| 2.0 | | | | | | | 10 | | |
| | | 9 | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | • | | | | | | | |
| | | | | | | | | | |
| | | | | · , | | | | | |
| | | | | | | | | | |
| | | | | | | | | | H |
| | | | | | | | | | H |